INDEX OF VOLUME 19

AGNEW, R. A., "Sequential Bid Selection by Stochastic Approximation," Vol. 19, No. 1, Mar. 1972, pp. 137–143.

BARON, D. P., "Quadra. Programming with Quadratic Constraints," Vol. 19, No. 2, Jun. 1972, pp. 253–260.

BELLMORE, M., J. C. Liebma.. nd D. H. Marks, "An Extension of the (Szwarc) Truck Assignment Problem," Vol. 19, No. 1, Mar. 1972, pp. 91–99.

BENNINGTON, G., L. Gsellman and S. Lubore, "An Economic Model for Planning Strategic Mobility Posture," Vol. 19, No. 3, Sep. 1972, pp. 461–470.

BERGER, P. D., "Prediction with Zero-One Loss Structure," Vol. 19, No. 1, Mar. 1972, pp. 159–164.

BILES, W. E. and J. W. Schmidt, Jr., "A Note on a Paper by Houston and Huffman," Vol. 19, No. 3, Sep. 1972, pp. 561–567.

BRECHT, H. D. and A. C. Stedry, "Toward Optimal Bidding Strategies," Vol. 19, No. 3, Sep. 1972, pp. 423–434.

CABOT, A. V. and R. L. Francis, "Properties of a Multifacility Location Problem Involving Euclidian Distances," Vol. 19, No. 2, Jun. 1972, pp. 335–353.

CANDLER, W. and R. J. Townsley, "Quadratic as Parametric Linear Programming," Vol. 19, No. 1, Mar. 1972, pp. 183–189.

CHAN, L. K., S. W. H. Cheng and E. R. Mead, "An Optimum t-Test for the Scale Parameter of an Extreme-Value Distribution," Vol. 19, No. 4, Dec. 1972, pp. 715–723.

CHANG, R.C. and S. Ehrenfeld, "On a Sequential Test Procedure with Delayed Observations," Vol. 19, No. 4, Dec. 1972, pp. 651–661.

CHAUDHRY, M. L., "On the Discrete-Time Queue Length Distribution under Markov-Dependent Phases," Vol. 19, No. 2, Jun. 1972, pp. 369–378.

CHENG, S. W. H., L. K. Chan and E. R. Mead, "An Optimum T-Test for the Scale Parameter of an Extreme-Value Distribution," Vol. 19, No. 4, Dec. 1972, pp. 715–723.

CLARK, A. J., "An Informal Survey of Multi-Echelon Inventory Theory," Vol. 19, No. 4, Dec. 1972, pp. 621–650.

COHEN, E. A., JR. and K. D. Shere, "A Defense Allocation Problem with Development Costs," Vol. 19, No. 3, Sep. 1972, pp. 525–537.

COOK, F. X., A. S. Rhode and J. J. Gelke, "Impact of an All Volunteer Force upon the Navy in the 1972–1973 Timeframe," Vol. 19, No. 1, Mar. 1972, pp. 43–75.

CREMEANS, J. E. and H. S. Weigel, "The Multicommodity Network Flow Model Revised to Include Vehicle Per time Period and Node Constraints," Vol. 19, No. 1, Mar. 1972, pp. 77–89.

CUNNINGHAM, A. A. and A. L. Saipe, "Heuristic Solution to a Discrete Collection Model," Vol. 19, No. 2, Jun. 1972, pp. 379–388.

DAS, P., "Effect of Switch-Over Devices on Reliability of a Standby Complex System," Vol. 19, No. 3, Sep. 1972, pp. 517–523.

DEE, N. and J. C. Liebman, "Optimal Location of Public Facilities," Vol. 19, No. 4, Dec. 1972, pp. 753–759.

DELBROUCK, L. E. N., "The Law of Averages as a Computing Tool," Vol. 19, No. 1, Mar. 1972, pp. 149–158.

DERMAN, C., G. J. Lieberman and S. M. Ross, "On Optimal Assembly of Systems," Vol. 19, No. 4, Dec. 1972, pp. 569–574.

EHRENFELD, S. and R. C. Chang, "On a Sequential Test Procedure with Delayed Observations," Vol. 19, No. 4, Dec. 1972, pp. 651–661.

ERCAN, S. S., "Systems Approach to the Multistage Manufacturing Connected-Unit Situation," Vol. 19, No. 3, Sep. 1972, pp. 493–500.

FENNELL, J. and S. Zacks, "Bayes Adaptive Control of Two-Echelon Inventory Systems-I: Development for a Special Case of One-Station Lower Echelon and Monte Carlo Evaluation," Vol. 19, No. 1, Mar. 1972, pp. 15–28.

FINCHIM, J. A., JR., "Expectation of Contract Incentives," Vol. 19, No. 2, Jun. 1972, pp. 389–397.

FRANCIS, R. L. and A. V. Cabot, "Properties of a Multifacility Location Problem Involving Euclidian Distances," Vol. 19, No. 2, Jun. 1972, pp. 335–353.

GELKE, J. J., A. S. Rhode and F. X. Cook, "Impact of an All Volunteer Force upon the Navy in the 1972–1973 Timeframe," Vol. 19, No. 1, Mar. 1972, pp. 43–75.

GRINOLD, R. C., "The Payment Scheduling Problem," Vol. 19, No. 1, Mar. 1972, pp. 123–136.

GROSS, D. and A. Soriano, "On the Economic Application of Airlift to Product Distribution and Its Impact on Inventory Levels," Vol. 19, No. 3, Sep. 1972, pp. 501–507.

GSELLMAN, L., G. Bennington and S. Lubore, "An Economic Model for Planning Strategic Mobility Posture," Vol. 19, No. 3, Sep. 1972, pp. 461–470.

GUENTHER, W. C., "Tolerance Intervals for Univariate Distributions," Vol. 19, No. 2, Jun. 1972, pp. 309–333.

HABER, S. E. and R. Sitgreaves, "A Unified Model for Demand Prediction in the Context of Provisioning and Replenishment," Vol. 19, No. 1, Mar. 1972, pp. 29–42.

HABER, S. E., F. W. Segel and H. Solomon, "Statistical Auditing of Large-Scale Management Information Systems," Vol. 19, No. 3, Sep. 1972, pp. 449–459.

HANDLER, G., "Termination Policies for a Two-State Stochastic Process," Vol. 19, No. 2, Jun. 1972, pp. 281–292.

HECK, H. and S. Roberts, "A Note on the Extension of a Result on Scheduling with Secondary Criteria," Vol. 19, No. 2, Jun. 1972, pp. 403–405.
HENIN, C., "Computational Techniques for Optimizing Systems with Standby Redundancy," Vol. 19, No. 2, Jun. 1972, pp. 293–308.
HOLLOWAY, C. A., "A Mathematical Programming Approach to Identification and Optimization of a Class of Unknown Systems," Vol. 19, No. 4, Dec. 1972, pp. 663–679.
IJIRI, Y. and G. L. Thompson, "Mathematical Control Theory Solution of an Interactive Accounting Flows Model," Vol. 19, No. 3, Sep. 1972, pp. 411–422.
JARVIS, J. J. and J. B. Tindall, "Minimal Disconnecting Sets in Directed Multi-Commodity Networks," Vol. 19, No. 4, Dec. 1972, pp. 681–690.
KYDLAND, F., "Duality in Fractional Programming," Vol. 19, No. 4, Dec. 1972, pp. 691–697.
LEVY, E. and D. R. Limaye, "A Probabilistic Evaluation of Helicopter Lift Capability," Vol. 19, No. 4, Dec. 1972, pp. 761–775.
LIEBERMAN, G. J., C. Derman and S. M. Ross, "On Optimal Assembly of Systems," Vol. 19, No. 4, Dec. 1972, pp. 569–574.
LIEBMAN, J. C. and N. Dee, "Optimal Location of Public Facilities," Vol. 19, No. 4, Dec. 1972, pp. 753–759.
LIEBMAN, J. C., M. Bellmore and D. H. Marks, "An Extension of the (Szwarc) Truck Assignment Problem," Vol. 19, No. 1, Mar. 1972, pp. 91–99.
LIMAYE, D. R. and E. Levy, "A Probabilistic Evaluation of Helicopter Lift Capability," Vol. 19, No. 4, Dec. 1972, pp. 761–775.
LUBORE, S., G. Bennington and L. Gsellman, "An Economic Model for Planning Strategic Mobility Posture," Vol. 19, No. 3, Sep. 1972, pp. 461–470.
MARKS, D. H., M. Bellmore and J. C. Liebman, "An Extension of the (Szwarc) Truck Assignment Problem," Vol. 19, No. 1, Mar. 1972, pp. 91–99.
MASTROBERTI, R. and R. L. Nolan, "Productivity Estimates of the Strategic Airlift System by the Use of Simulation," Vol. 19, No. 4, Dec. 1972, pp. 737–752.
MEAD, E. R., L. K. Chan and S. W. H. Cheng, "An Optimum t-Test for the Scale Parameter of an Extreme-Value Distribution," Vol. 19, No. 4, Dec. 1972, pp. 715–723.
MILLHAM, C. B., "Constructing Bimatrix Games with Special Properties," Vol. 19, No. 4, Dec. 1972, pp. 709–714.
MORGENSTERN, O. and G. L. Thompson, "A Note on an Open Expanding Economy Model," Vol. 19, No. 3, Sep. 1972, pp. 557–559.
MORTON, T. E. and S. P. Sethi, "A Mixed Optimization Technique for the Generalized Machine Replacement Problem," Vol. 19, No. 3, Sep. 1972, pp. 471–481.
NOLAN, R. L. and R. Mastroberti, "Productivity Estimates of the Strategic Airlift System by the Use of Simulation," Vol. 19, No. 4, Dec. 1972, pp. 737–752.
PADBERG, M. W., "Equivalent Knapsack-Type Formulations of Bounded Integer Linear Programs: An Alternative Approach," Vol. 19, No. 4, Dec. 1972, pp. 699–708.
PARKER, J. B., "Bayesian Prior Distributions for Multi-Component Systems," Vol. 19, No. 3, Sep. 1972, pp. 509–515.
POSNER, M. J. M. and B. Yansouni, "A Class of Inventory Models with Customer Impatience," Vol. 19, No. 3, Sept. 1972, pp. 483–492.
RAVINDRAN, A., "Optimal Inventory Policies in Contagious Demand Models," Vol. 19, No. 1, Mar. 1972, pp. 191–203.
RHODE, A. S., J. J. Gelke and F. X. Cook, "Impact of an All Volunteer Force upon the Navy in the 1972–73 Timeframe," Vol. 19, No. 1, Mar. 1972, pp. 43–75.
ROBERTS, S. and H. Heck, "A Note on the Extension of a Result on Scheduling with Secondary Criteria," Vol. 19, No. 2, Jun. 1972, pp. 403–405.
ROODMAN, G. M., "Postoptimality Analysis in Zero-One Programming by Implicit Enumeration," Vol. 19, No. 3, Sep. 1972, pp. 435–447.
ROSS, S. M., C. Derman and G. J. Lieberman, "On Optimal Assembly of Systems," Vol. 19, No. 4, Dec. 1972, pp. 569–574.
SAATY, T. L., "Optimum Positions for m Airports," Vol. 19, No. 1, Mar. 1972, pp. 101–109.
SAHNEY, V. K., "Scheduling Data Transmission under an $\{S_1; O\}$ Policy," Vol. 19, No. 4, Dec. 1972, pp. 725–735.
SAIPE, A. L. and A. A. Cunningham, "Heuristic Solution to a Discrete Collection Model," Vol. 19, No. 2, Jun. 1972, pp. 379–388.
SALKIN, H. M., "A Note Comparing Glover's and Young's Simplified Primal Algorithms," Vol. 19, No. 2, Jun. 1972, pp. 399–402.
SCHMIDT, J. W., JR. and W. E. Biles, "A Note on a Paper by Houston and Huffman," Vol. 19, No. 3, Sep. 1972, pp. 561–567.
SEGEL, F. W., S. E. Haber and H. Solomon, "Statistical Auditing of Large-Scale Management Information Systems," Vol. 19, No. 3, Sep. 1972, pp. 449–459.
SETHI, S. P. and T. E. Morton, "A Mixed Optimization Technique for the Generalized Machine Replacement Problem," Vol. 19, No. 3, Sep. 1972, pp. 471–481.
SHERE, K. D. and E. A. Cohen, Jr., "A Defense Allocation Problem with Development Costs," Vol. 19, No. 3, Sep. 1972, pp. 525–537.
SILVER, E. A., "Inventory Allocation Among an Assembly and Its Repairable Subassemblies," Vol. 19, No. 2, Jun. 1972, pp. 261–280.
SIMON, R. M., "The Reliability of Multicomponent Systems Subject to Cannibalization," Vol. 19, No. 1, Mar. 1972, pp. 1–14.
SITGREAVES, R. and S. E. Haber, "A Unified Model for Demand Prediction in the Context of Provisioning and Replenishment," Vol. 19, No. 1, Mar. 1972, pp. 29–42.

SOLOMIN, H., S. E. Haber and F. W. Segal, "Statistical Auditing of Large-Scale Management Information Systems," Vol. 19, No. 3, Sep. 1972, pp. 449–459.
SORIANO, A. and D. Gross, "On the Economic Application of Airlift to Product Distribution and Its Impact on Inventory Levels," Vol. 19, No. 3, Sep. 1972, pp. 501–507.
SRINIVASAN, V. and G. L. Thompson, "An Operator Theory of Parametric Programming for the Transportation Problem—I," Vol. 19, No. 2, Jun. 1972, pp. 205–225.
SRINIVASAN, V. and G. L. Thompson, "An Operator Theory of Parametric Programming for the Transportation Problem—II," Vol. 19, No. 2, Jun. 1972, pp. 227–252.
SRINIVASAN, V. and G. L. Thompson, "Determining Optimal Growth Paths in Logistics Operations," Vol. 19, No. 4, Dec. 1972, pp. 575–599.
STEDRY, A. C. and H. D. Brecht, "Toward Optimal Bidding Strategies," Vol. 19, No. 3, Sep. 1972, pp. 423–434.
STONE, L. D., "Incremental Approximation of Optimal Allocations," Vol. 19, No. 1, Mar. 1972, pp. 111–122.
SWEAT, C. W., "A Duel Complicated by False Targets and Uncertainty as to Opponent Type," Vol. 19, No. 2, Jun. 1972, pp. 355–367.
TAYLOR, J. G., "On the Isbell and Marlow Fire Programming Problem," Vol. 19, No. 3, Sep. 1972, pp. 539–556.
THOMPSON, D. E., "Stochastic Duels Involving Reliability," Vol. 19, No. 1, Mar. 1972, pp. 145–148.
THOMPSON, G. L. and Y. Ijiri, "Mathematical Control Theory Solution of an Interactive Accounting Flows Model," Vol. 19, No. 3, Sep. 1972, pp. 411–422.
THOMPSON, G. L. and O. Morgenstern, "A Note on an Open Expanding Economy Model," Vol. 19, No. 3, Sep. 1972, pp. 557–559.
THOMPSON, G. L. and V. Srinivasan, "Determining Optimal Growth Paths in Logistics Operations," Vol. 19, No. 4, Dec. 1972, pp. 575–599.
THOMPSON, G. L. and V. Srinivasan, "An Operator Theory of Parametric Programming for the Transportation Problem—I," Vol. 19, No. 2, Jun. 1972, pp. 205–225.
THOMPSON, G. L. and V. Srinivasan, "An Operator Theory of Parametric Programming for the Transportation Problem—II," Vol. 19, No. 2, Jun. 1972, pp. 227–252.
TINDALL, J. B. and J. J. Jarvis, "Minimal Disconnecting Sets in Directed Multi-Commodity Networks," Vol. 19, No. 4, Dec. 1972, pp. 681–690.
TOWNSLEY, R. J. and W. Candler, "Quadratic as Parametric Linear Programming," Vol. 19, No. 1, Mar. 1972, pp. 183–189.
WEIGEL, H. S. and J. E. Cremeans, "The Multicommodity Network Flow Model Revised to Include Vehicle Per Time Period and Node Constraints," Vol. 19, No. 1, Mar. 1972, pp. 77–89.
WHEELER, A. C., "Stationary (s, S) Policies for a Finite Horizon," Vol. 19, No. 4, Dec. 1972, pp. 601–619.
YANSOUNI, B. and M. J. M. Posner, "A Class of Inventory Modles with Customer Impatience," Vol. 19, No. 3, Sep. 1972, pp. 483–492.
ZACKS, S. and J. Fennell, "Bayes Adaptive Control of Two-Echelon Inventory Systems-I: Development for a Special Case of One-Station Lower Echelon and Monte Carlo Evaluation," Vol. 19, No. 1, Mar. 1972, pp. 15–28.
ZIONTS, S., "Generalized Implicit Enumeration Using Bounds on Variables for Solving Linear Programs with Zero-One Variables," Vol. 19, No. 1, Mar. 1972, pp. 165–181.

U.S. GOVERNMENT PRINTING OFFICE: 1973—525-459:8